

RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.**

Application Serial Number: 09/788,110B
Source: FW/b
Date Processed by STIC: 6/21/06

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IFW16

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DATE: 06/21/2006

PATENT APPLICATION: US/09/788,110B

TIME: 13:41:50

Input Set : A:\07017.ST25.txt

Output Set: N:\CRF4\06212006\I788110B.raw

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3 <110> APPLICANT: Zanetti, Maurizio
5 <120> TITLE OF INVENTION: A Universal Vaccine and Method for Treating Cancer Employing
6   Telomerase Reverse Transcriptase
8 <130> FILE REFERENCE: UCSD-07017
10 <140> CURRENT APPLICATION NUMBER: 09/788,110B
11 <141> CURRENT FILING DATE: 2001-02-15
13 <160> NUMBER OF SEQ ID NOS: 23
15 <170> SOFTWARE: PatentIn version 3.3
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 9
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
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63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
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69 1      5

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84 <211> LENGTH: 9
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91 1 5
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95 <211> LENGTH: 9
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102 1 5
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106 <211> LENGTH: 9
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Synthetic
113 <400> SEQUENCE: 9
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116 1 5
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133 <213> ORGANISM: Homo sapiens
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143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
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220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
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234 <220> FEATURE:
235 <223> OTHER INFORMATION: Synthetic
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255 <211> LENGTH: 9
256 <212> TYPE: PRT
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262 <400> SEQUENCE: 22
264 Tyr Leu Phe Phe Tyr Arg Lys Ser Val
265 1 5
268 <210> SEQ ID NO: 23
269 <211> LENGTH: 1132
270 <212> TYPE: PRT
271 <213> ORGANISM: Homo sapiens
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276 1 5 10 15
279 His Tyr Arg Glu Val Leu Pro Leu Ala Thr Phe Val Arg Arg Leu Gly
280 20 25 30
283 Pro Gln Gly Trp Arg Leu Val Gln Arg Gly Asp Pro Ala Ala Phe Arg
284 35 40 45
287 Ala Leu Val Ala Gln Cys Leu Val Cys Val Pro Trp Asp Ala Arg Pro
288 50 55 60
291 Pro Pro Ala Ala Pro Ser Phe Arg Gln Val Ser Cys Leu Lys Glu Leu
292 65 70 75 80
295 Val Ala Arg Val Leu Gln Arg Leu Cys Glu Arg Gly Ala Lys Asn Val
296 85 90 95
299 Leu Ala Phe Gly Phe Ala Leu Leu Asp Gly Ala Arg Gly Gly Pro Pro
300 100 105 110
303 Glu Ala Phe Thr Thr Ser Val Arg Ser Tyr Leu Pro Asn Thr Val Thr
304 115 120 125
307 Asp Ala Leu Arg Gly Ser Gly Ala Trp Gly Leu Leu Leu Arg Arg Val

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308      130      135      140
311 Gly Asp Asp Val Leu Val His Leu Leu Ala Arg Cys Ala Leu Phe Val
312 145      150      155      160
315 Leu Val Ala Pro Ser Cys Ala Tyr Gln Val Cys Gly Pro Pro Leu Tyr
316      165      170      175
319 Gln Leu Gly Ala Ala Thr Gln Ala Arg Pro Pro Pro His Ala Ser Gly
320      180      185      190
323 Pro Arg Arg Arg Leu Gly Cys Glu Arg Ala Trp Asn His Ser Val Arg
324      195      200      205
327 Glu Ala Gly Val Pro Leu Gly Leu Pro Ala Pro Gly Ala Arg Arg Arg
328      210      215      220
331 Gly Gly Ser Ala Ser Arg Ser Leu Pro Leu Pro Lys Arg Pro Arg Arg
332 225      230      235      240
335 Gly Ala Ala Pro Glu Pro Glu Arg Thr Pro Val Gly Gln Gly Ser Trp
336      245      250      255
339 Ala His Pro Gly Arg Thr Arg Gly Pro Ser Asp Arg Gly Phe Cys Val
340      260      265      270
343 Val Ser Pro Ala Arg Pro Ala Glu Glu Ala Thr Ser Leu Glu Gly Ala
344      275      280      285
347 Leu Ser Gly Thr Arg His Ser His Pro Ser Val Gly Arg Gln His His
348      290      295      300
351 Ala Gly Pro Pro Ser Thr Ser Arg Pro Pro Arg Pro Trp Asp Thr Pro
352 305      310      315      320
355 Cys Pro Pro Val Tyr Ala Glu Thr Lys His Phe Leu Tyr Ser Ser Gly
356      325      330      335
359 Asp Lys Glu Gln Leu Arg Pro Ser Phe Leu Leu Ser Ser Leu Arg Pro
360      340      345      350
363 Ser Leu Thr Gly Ala Arg Arg Leu Val Glu Thr Ile Phe Leu Gly Ser
364      355      360      365
367 Arg Pro Trp Met Pro Gly Thr Pro Arg Arg Leu Pro Arg Leu Pro Gln
368      370      375      380
371 Arg Tyr Trp Gln Met Arg Pro Leu Phe Leu Glu Leu Leu Gly Asn His
372 385      390      395      400
375 Ala Gln Cys Pro Tyr Gly Val Leu Leu Lys Thr His Cys Pro Leu Arg
376      405      410      415
379 Ala Ala Val Thr Pro Ala Ala Gly Val Cys Ala Arg Glu Lys Pro Gln
380      420      425      430
383 Gly Ser Val Ala Ala Pro Glu Glu Glu Asp Thr Asp Pro Arg Arg Leu
384      435      440      445
387 Val Gln Leu Leu Arg Gln His Ser Ser Pro Trp Gln Val Tyr Gly Phe
388      450      455      460
391 Val Arg Ala Cys Leu Arg Arg Leu Val Pro Pro Gly Leu Trp Gly Ser
392 465      470      475      480
395 Arg His Asn Glu Arg Arg Phe Leu Arg Asn Thr Lys Lys Phe Ile Ser
396      485      490      495
399 Leu Gly Lys His Ala Lys Leu Ser Leu Gln Glu Leu Thr Trp Lys Met
400      500      505      510
403 Ser Val Arg Asp Cys Ala Trp Leu Arg Arg Ser Pro Gly Val Gly Cys
404      515      520      525

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VERIFICATION SUMMARY

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